

DUPLICATE

1/32

#27
BA12/24/02

FIG. 1

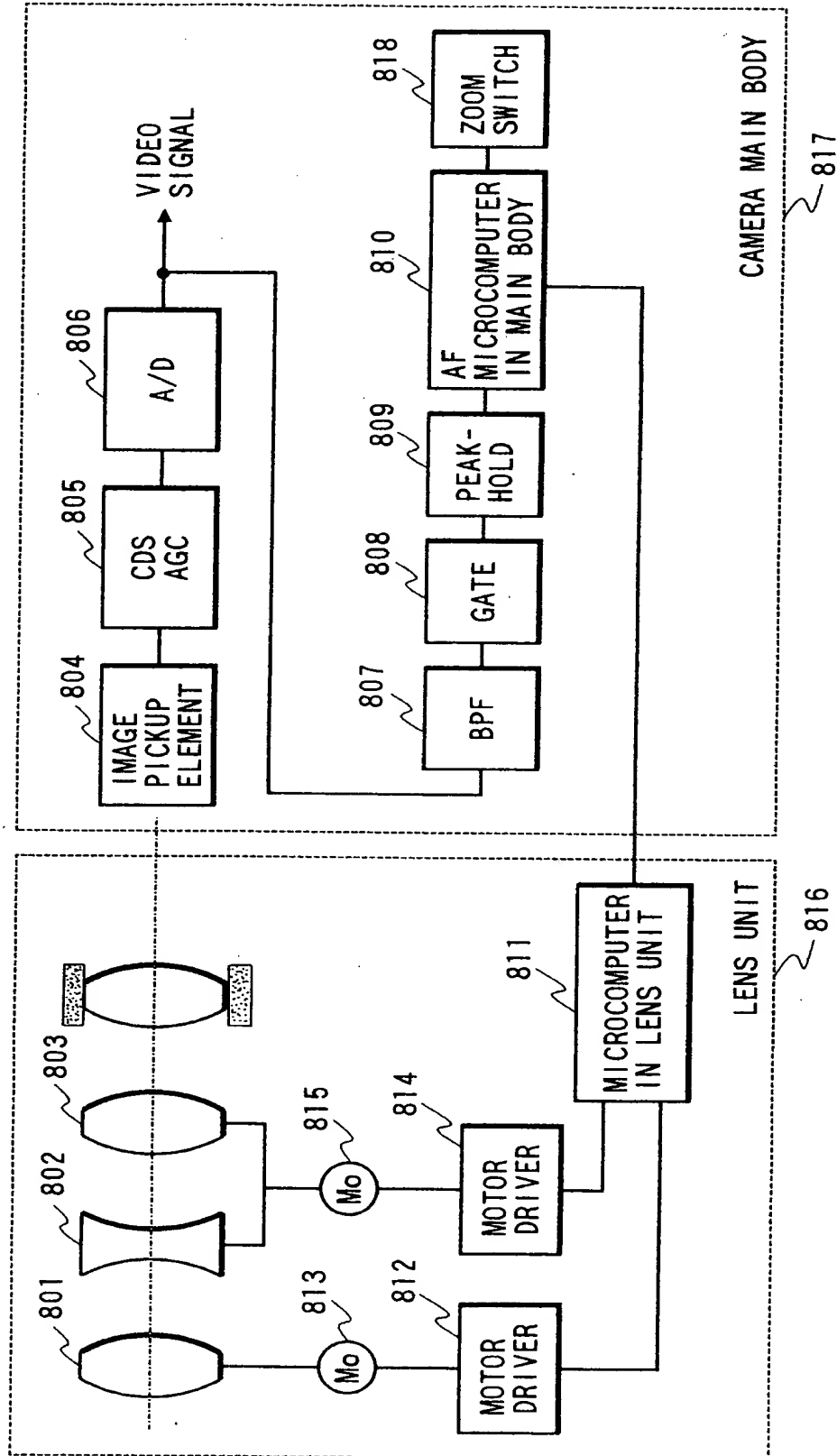


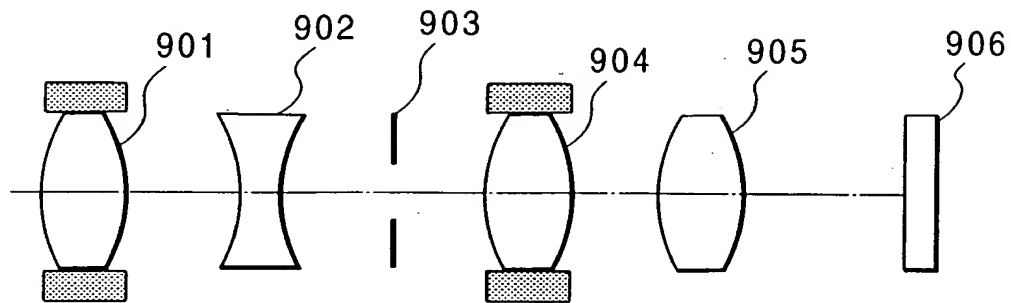
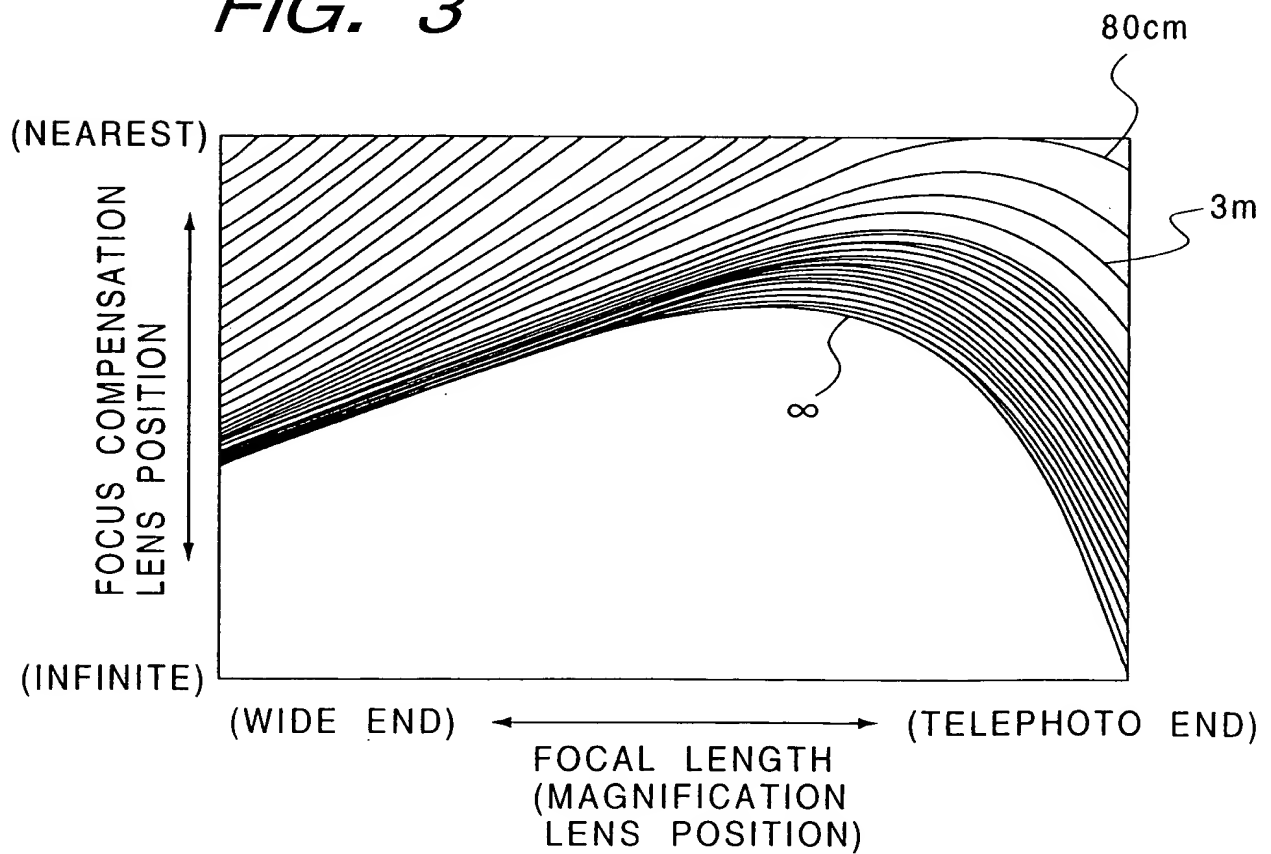
FIG. 2*FIG. 3*

FIG. 4

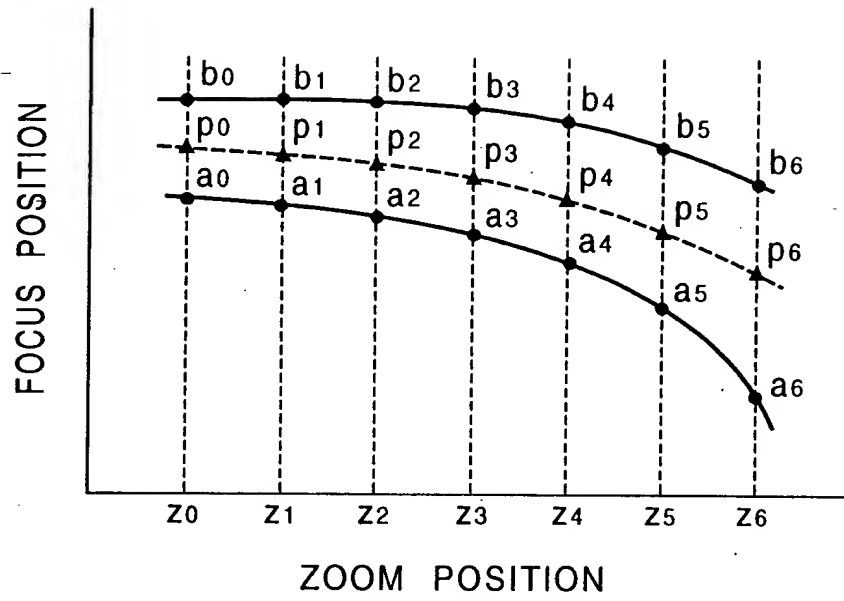
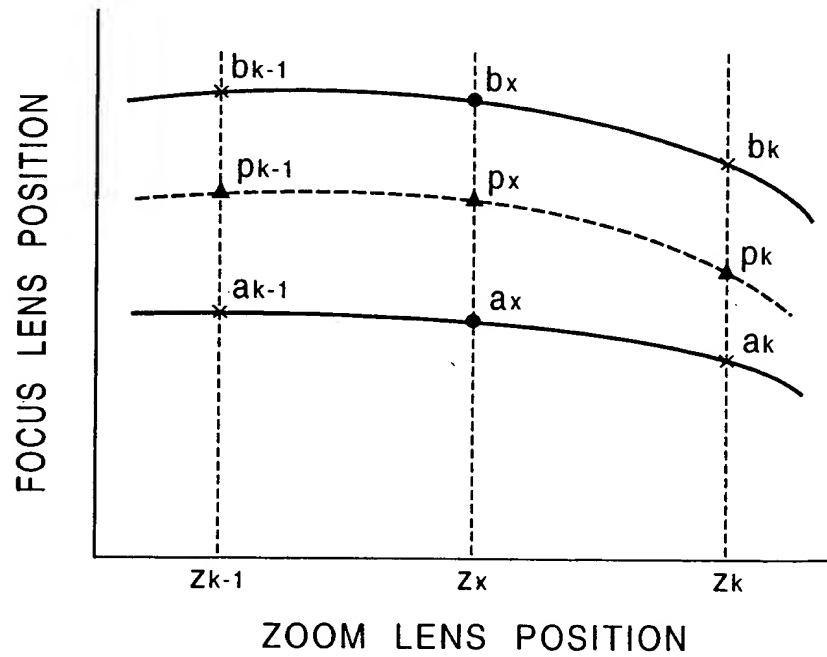


FIG. 5



$$a_x = a_k - \frac{(z_k - z_{k-1})(a_k - a_{k-1})}{(z_k - z_{k-1})}$$

$$b_x = b_k - \frac{(z_k - z_x)(b_k - b_{k-1})}{(z_k - z_{k-1})}$$

FIG. 6

FIG. 6A

FIG. 6A

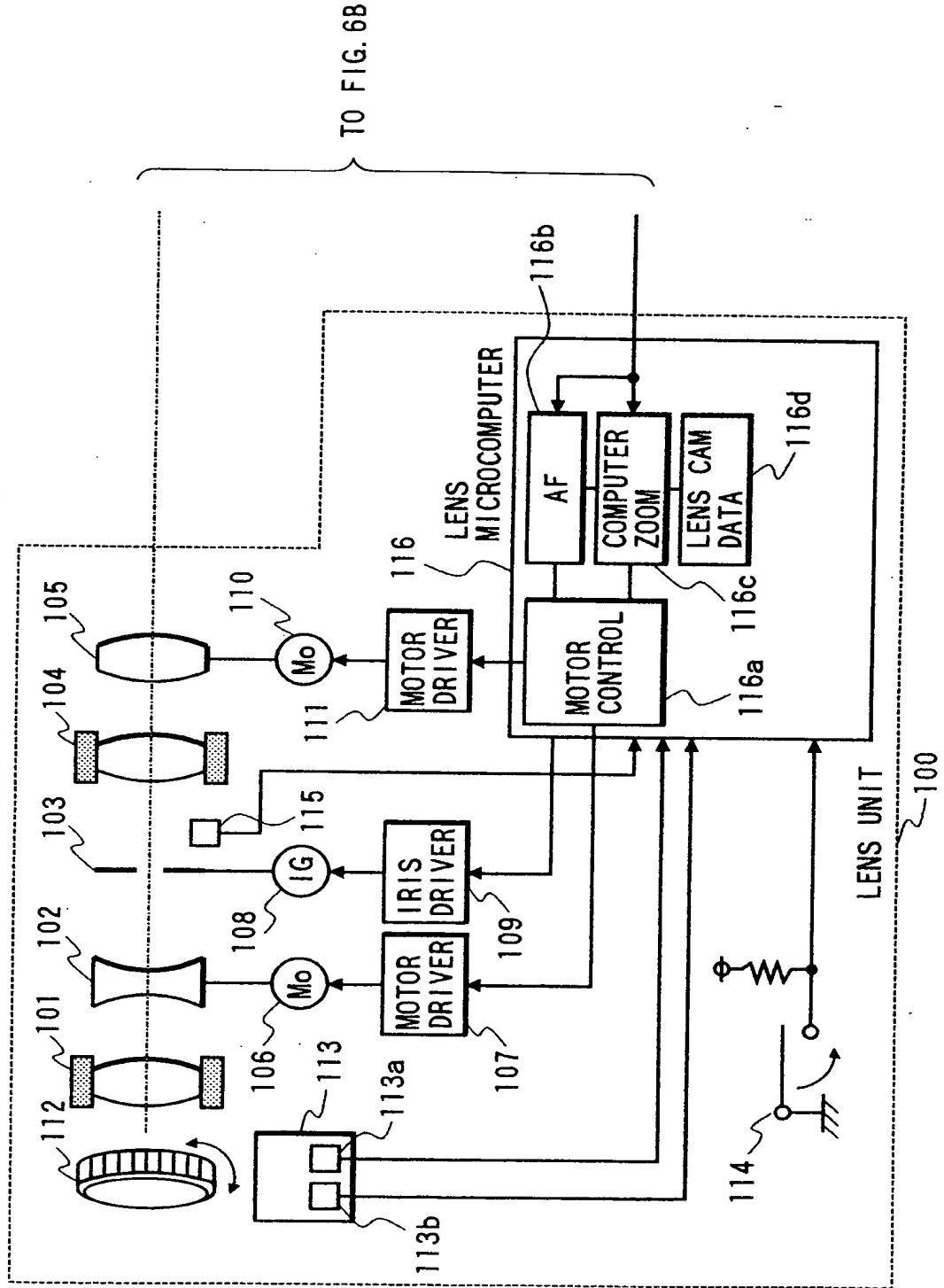


FIG. 6B

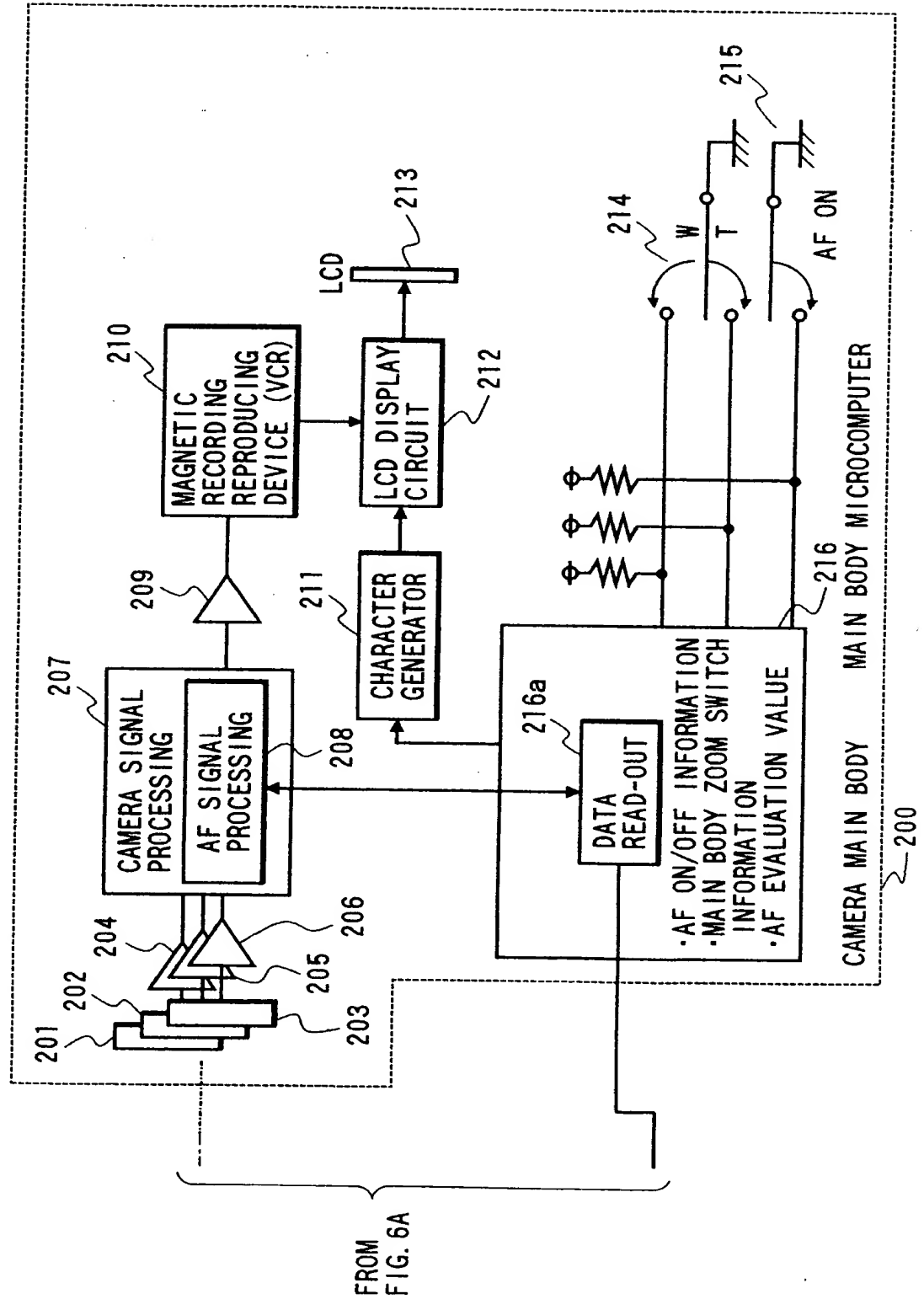


FIG. 7A

FIG. 7

FIG. 7A

FIG. 7B

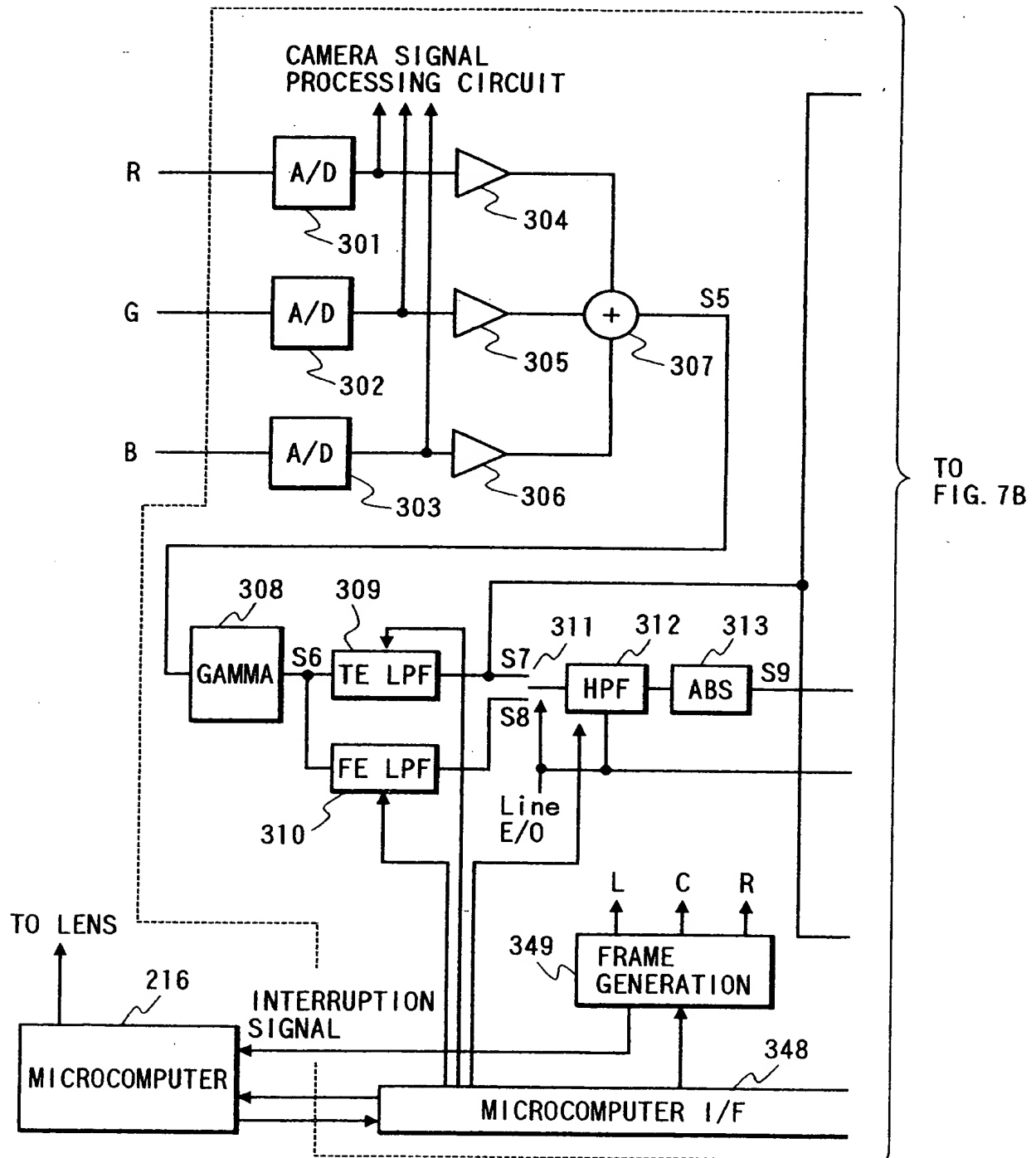


FIG. 7B

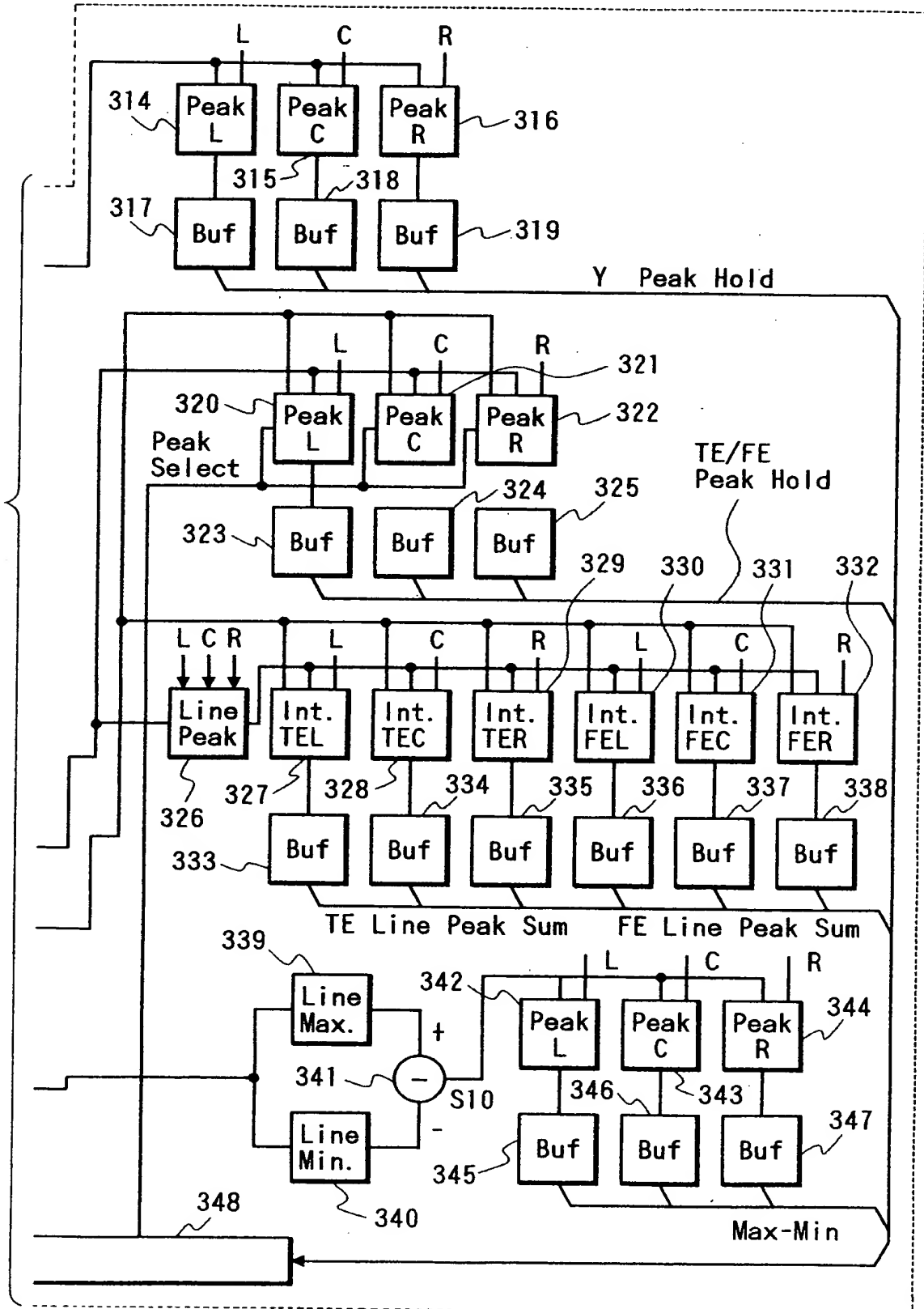
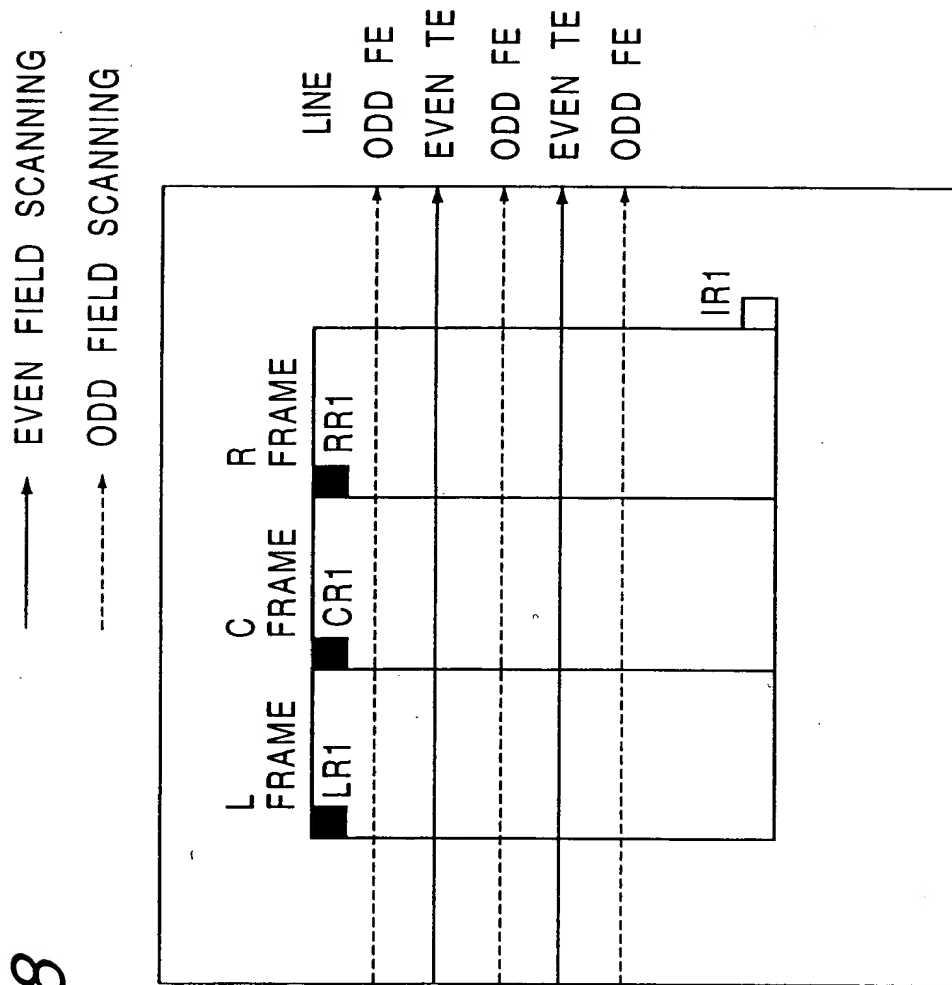
FROM
FIG. 18A

FIG. 8



- RESET OF INTEGRATION CIRCUIT, PEAK-HOLD CIRCUIT
- TRANSFER OF DATA TO BUFFER, GENERATION OF IRQ

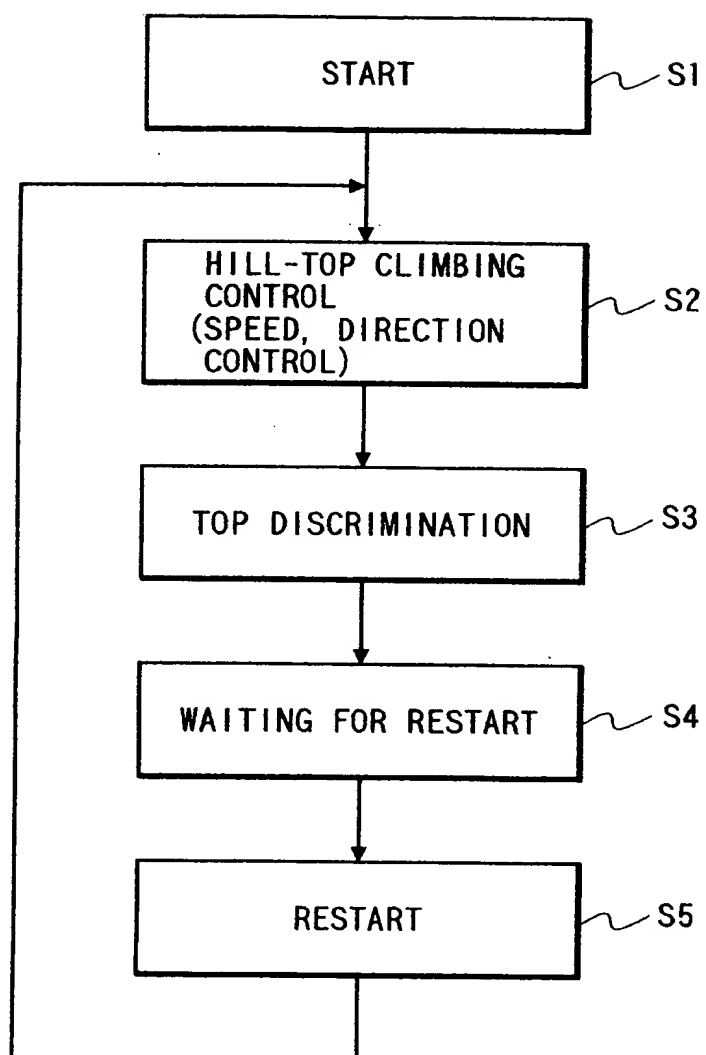
FIG. 9

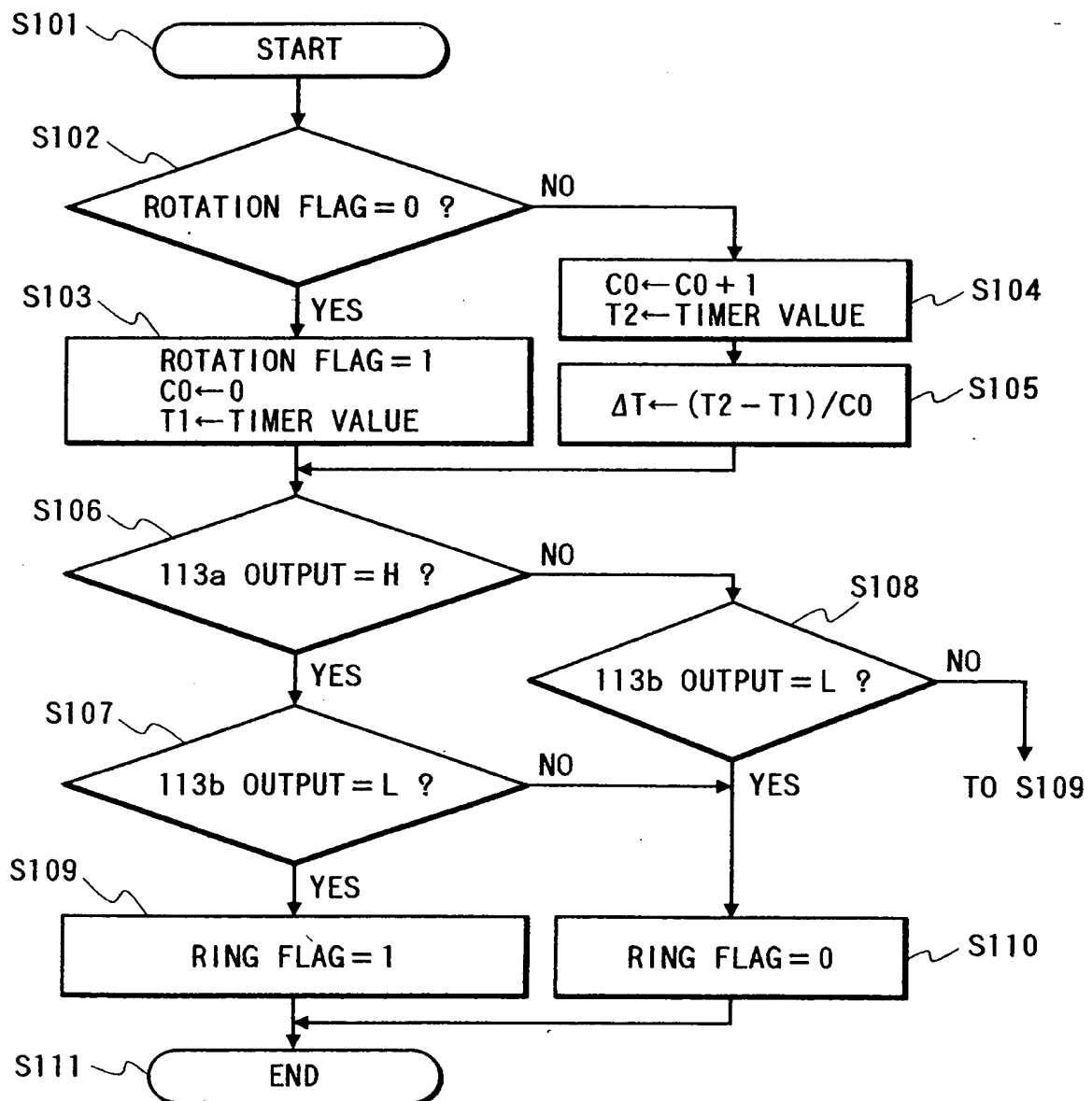
FIG. 10

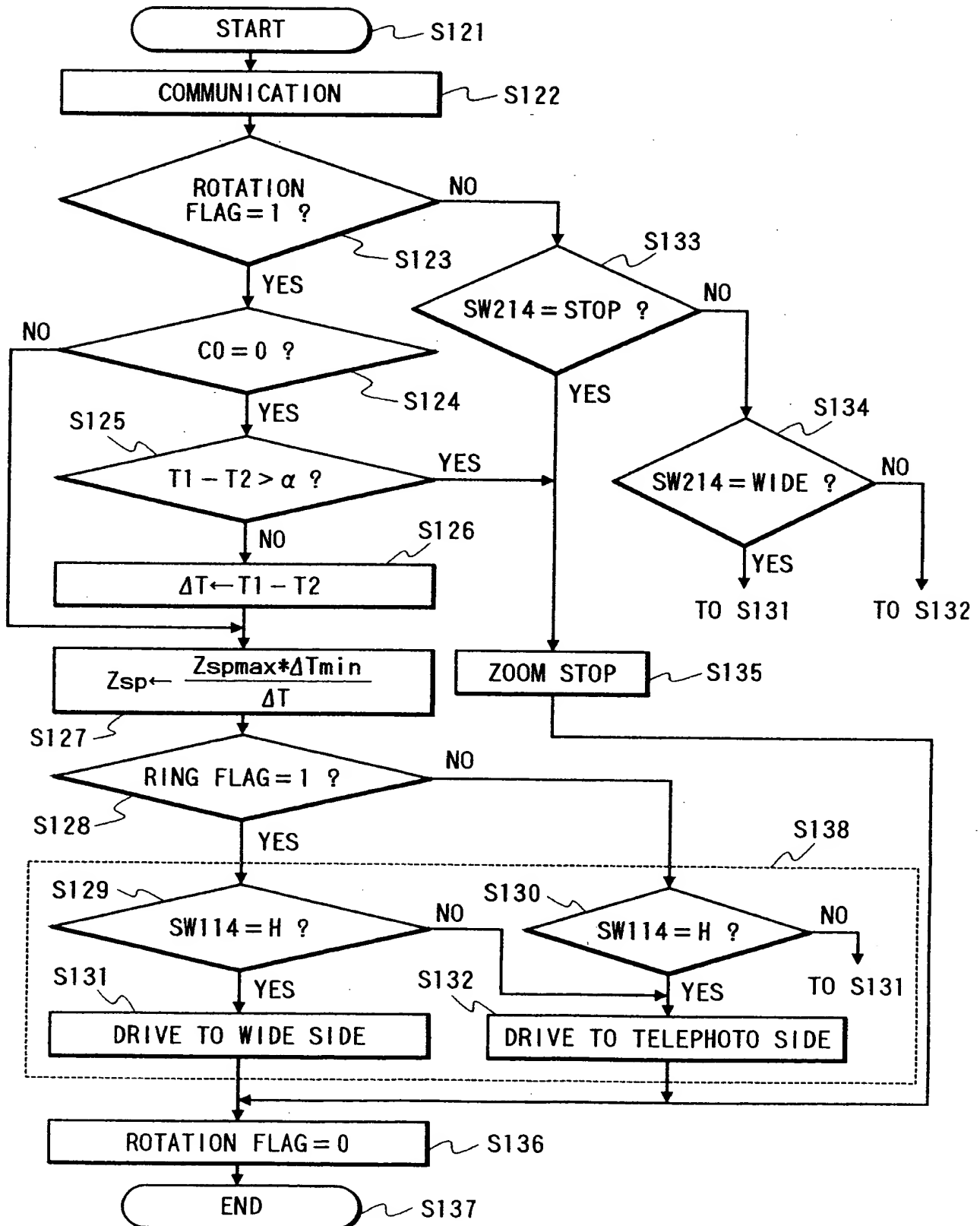
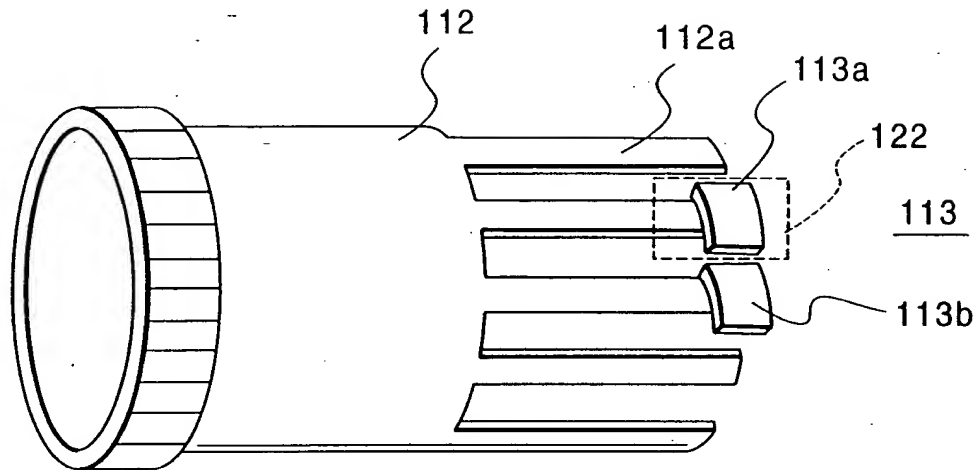
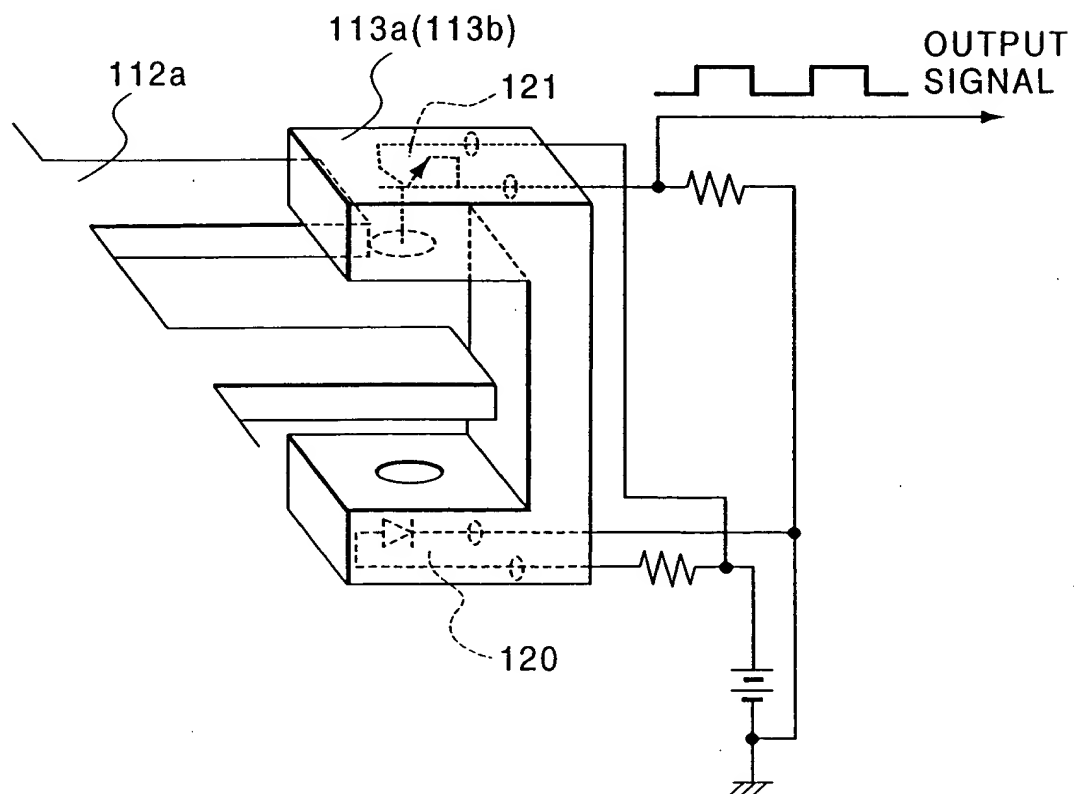
FIG. 11

FIG. 12**FIG. 13**

TIME REQUIRED TO MOVE 112a
BY ONE GEAR TOOTH (HALF PERIOD)

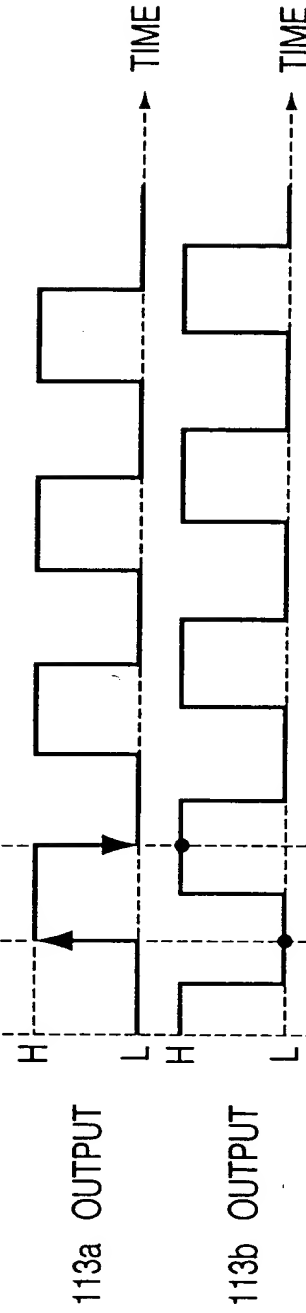


FIG. 14A

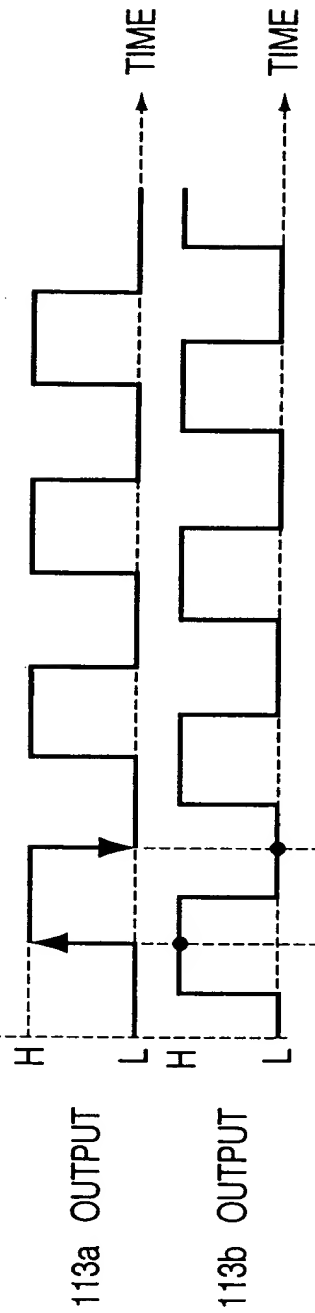


FIG. 14B

FIG. 15

FIG. 15A

FIG. 15B

FIG. 15A

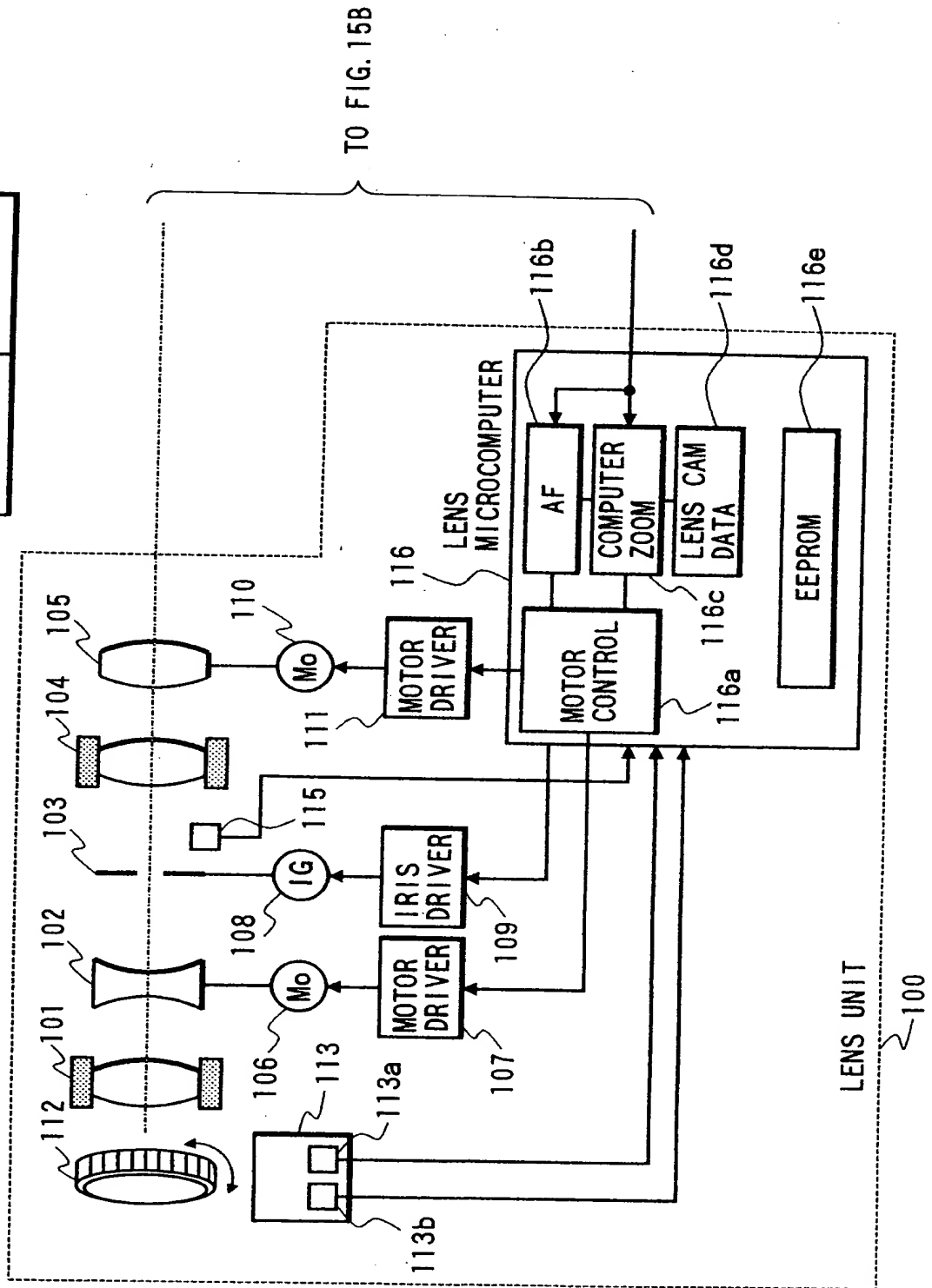


FIG. 15B

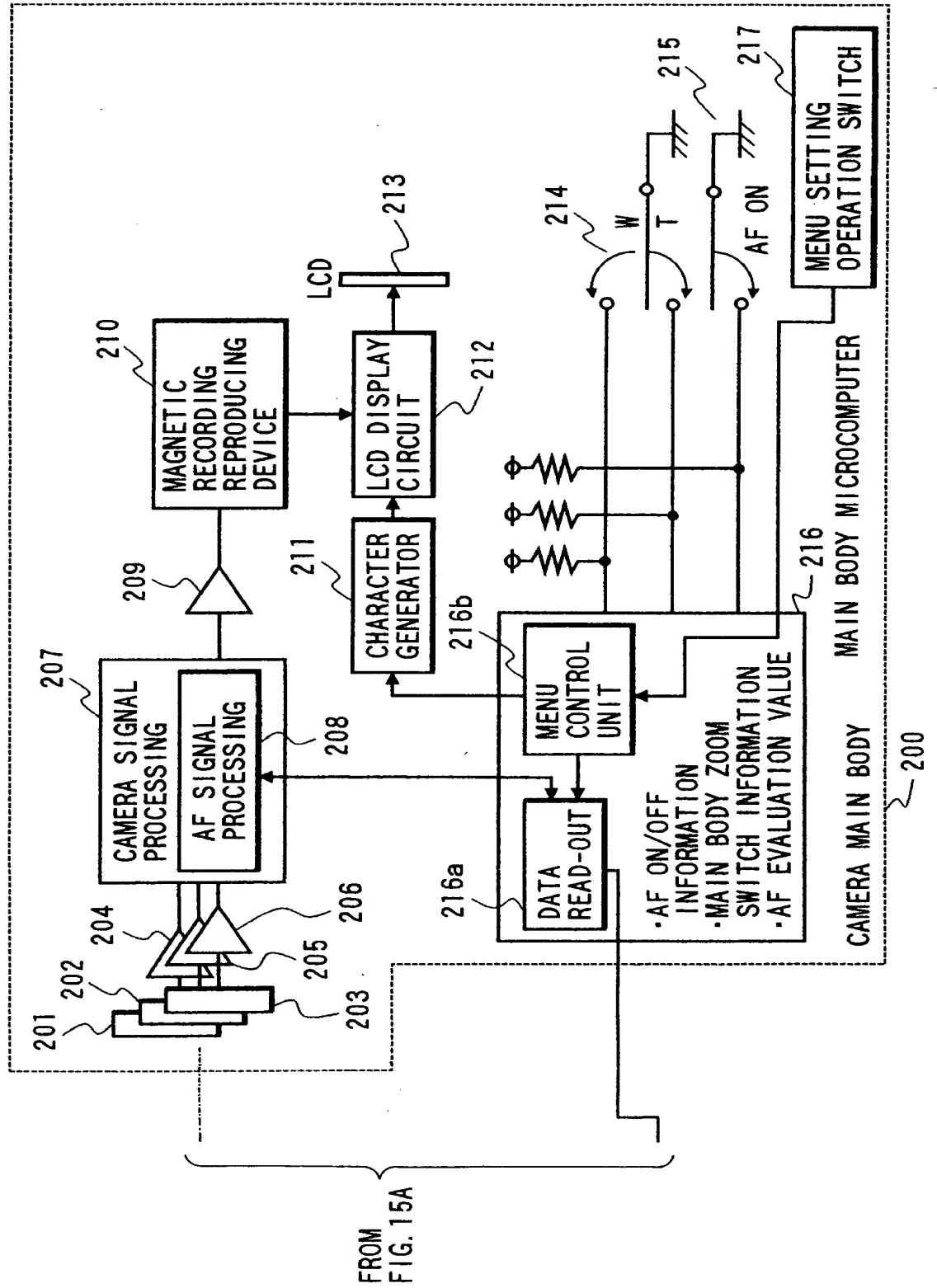


FIG. 16

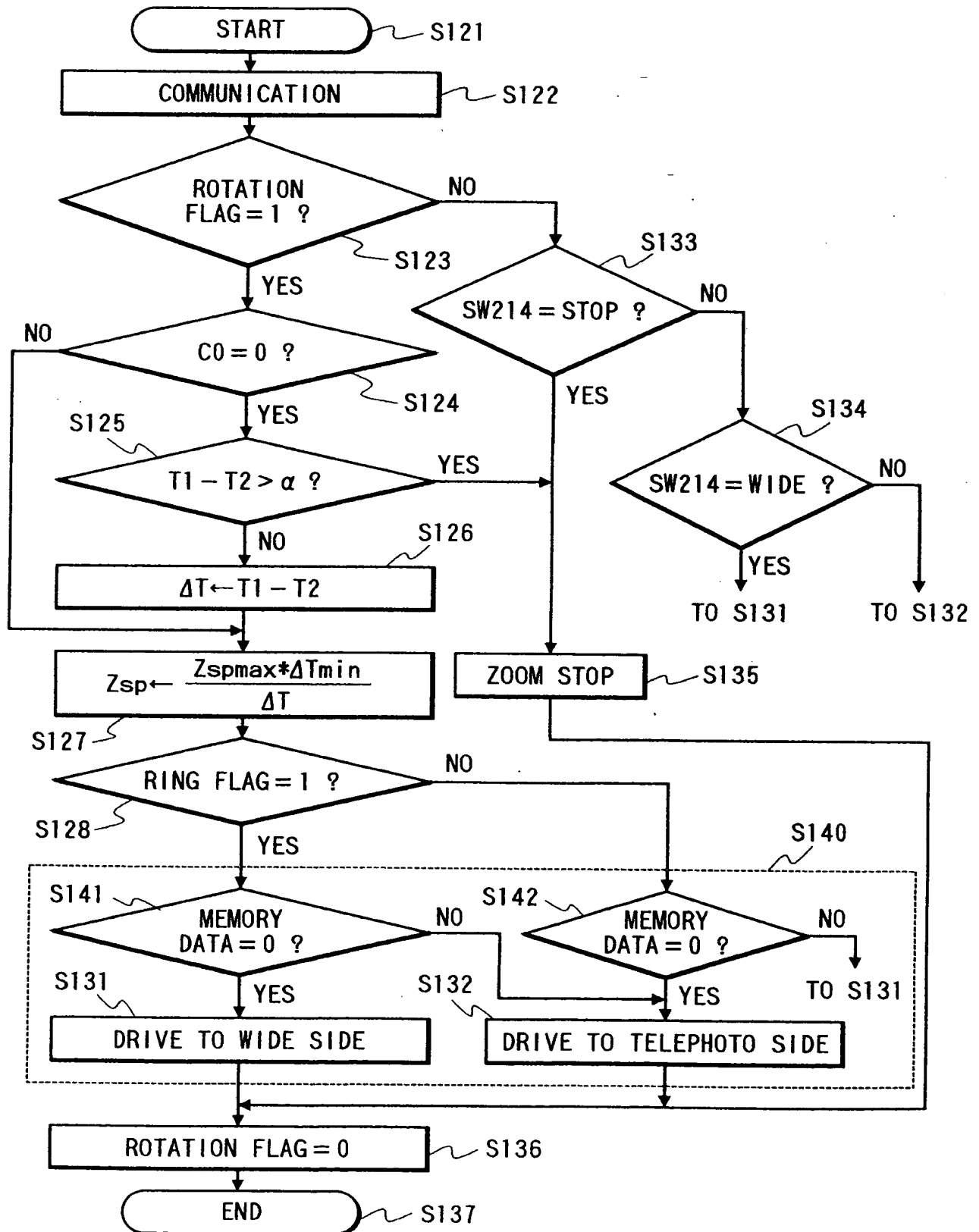


FIG. 17A

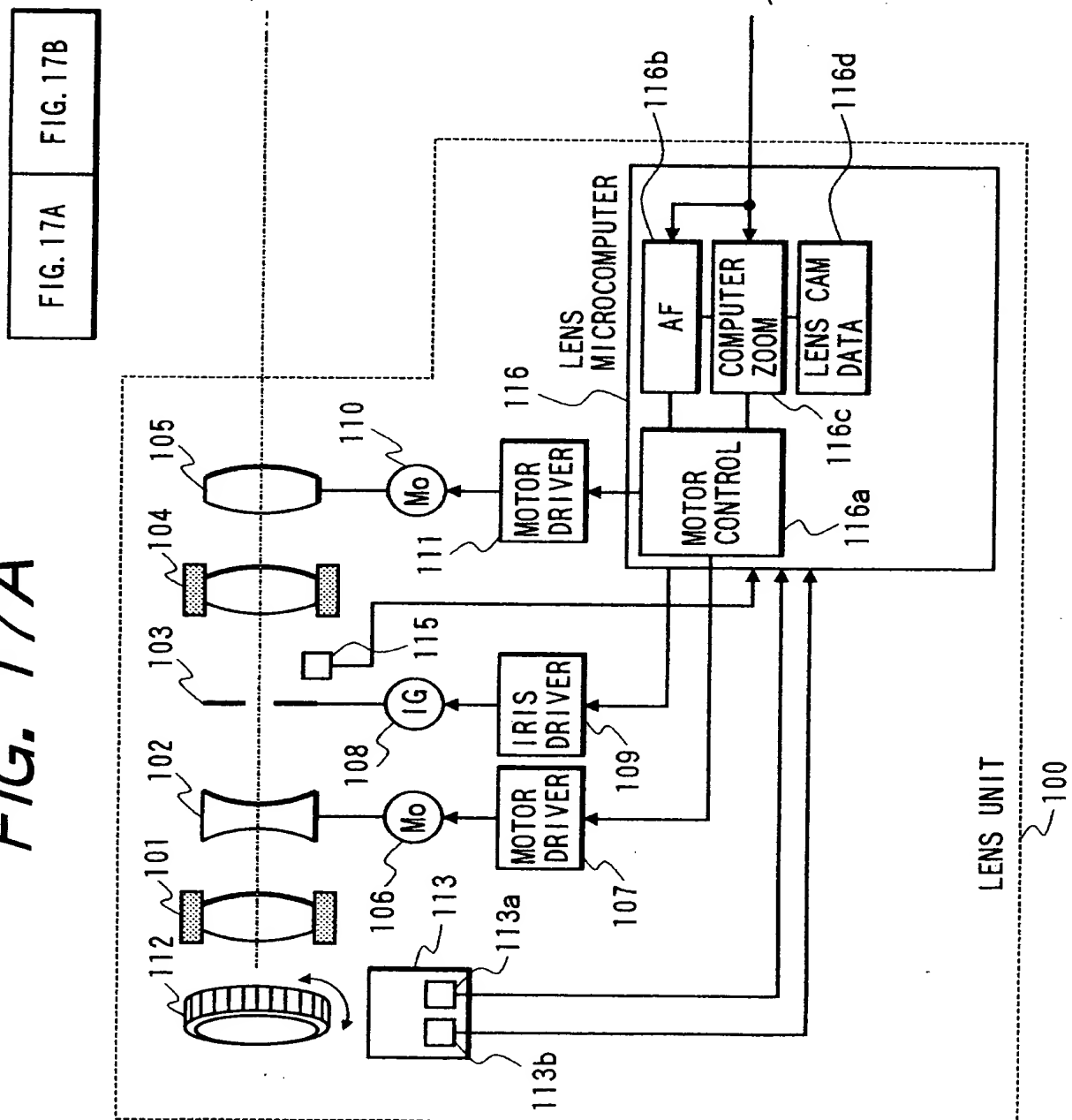


FIG. 17B

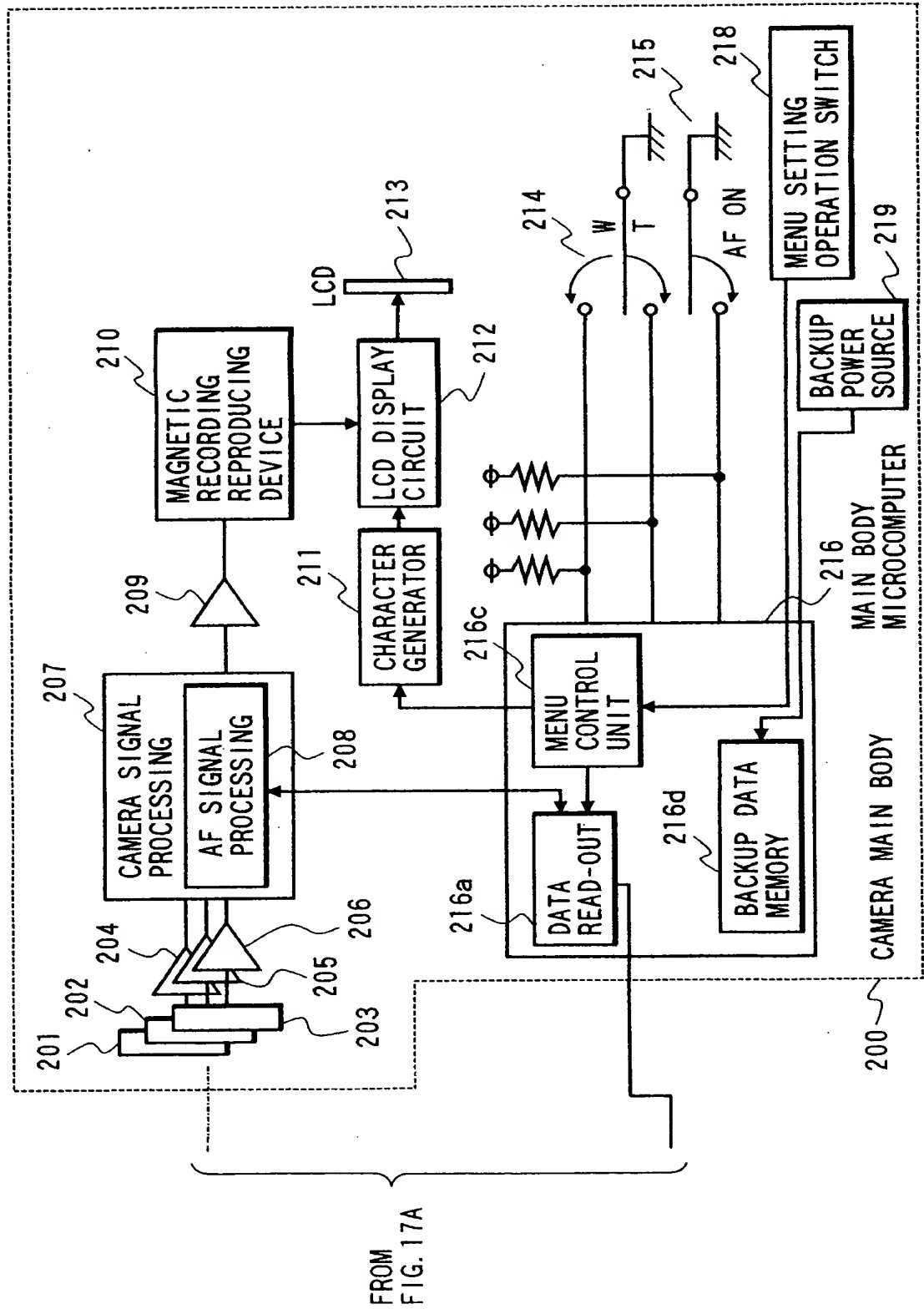


FIG. 18B

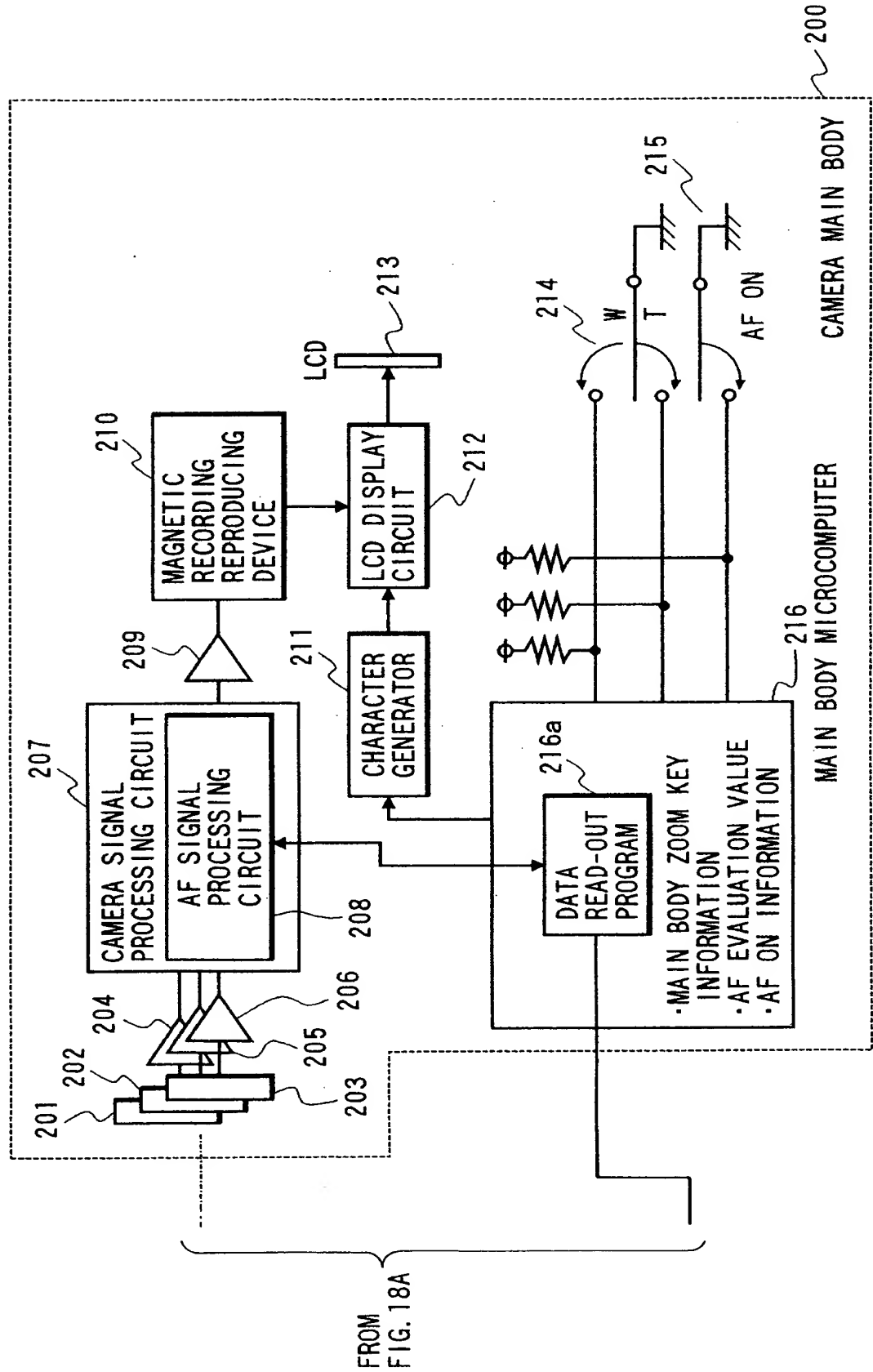


FIG. 19

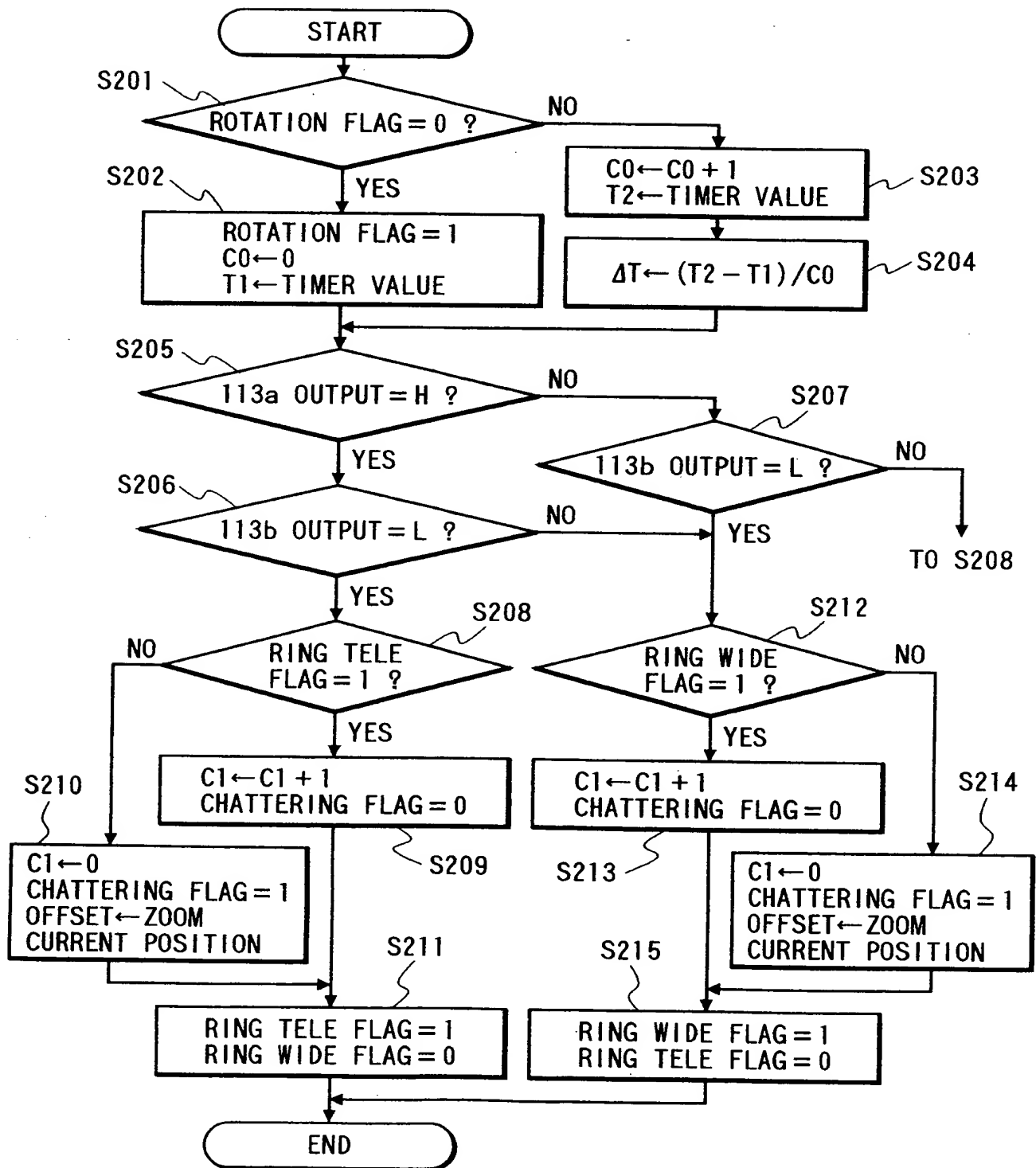


FIG. 20

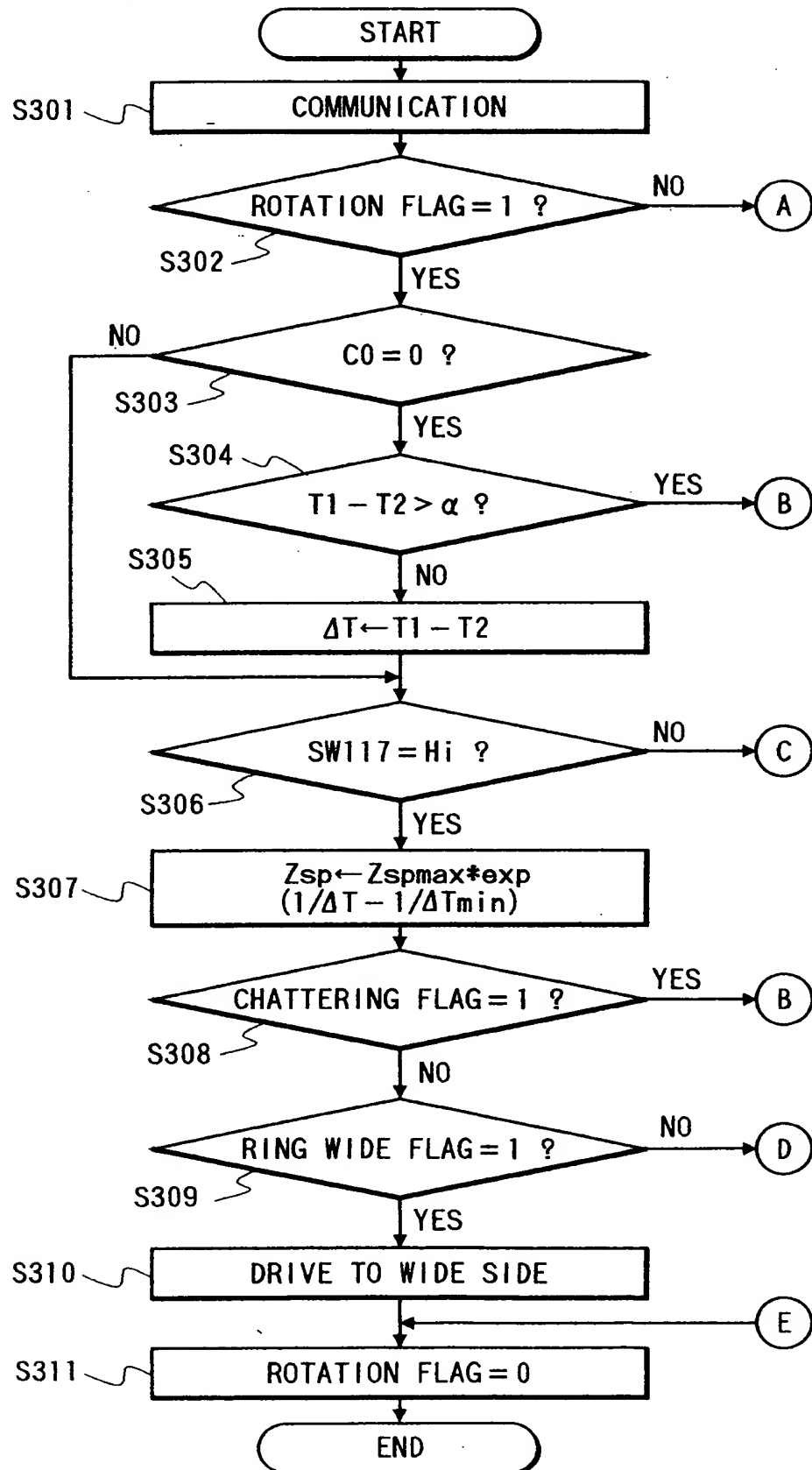


FIG. 21

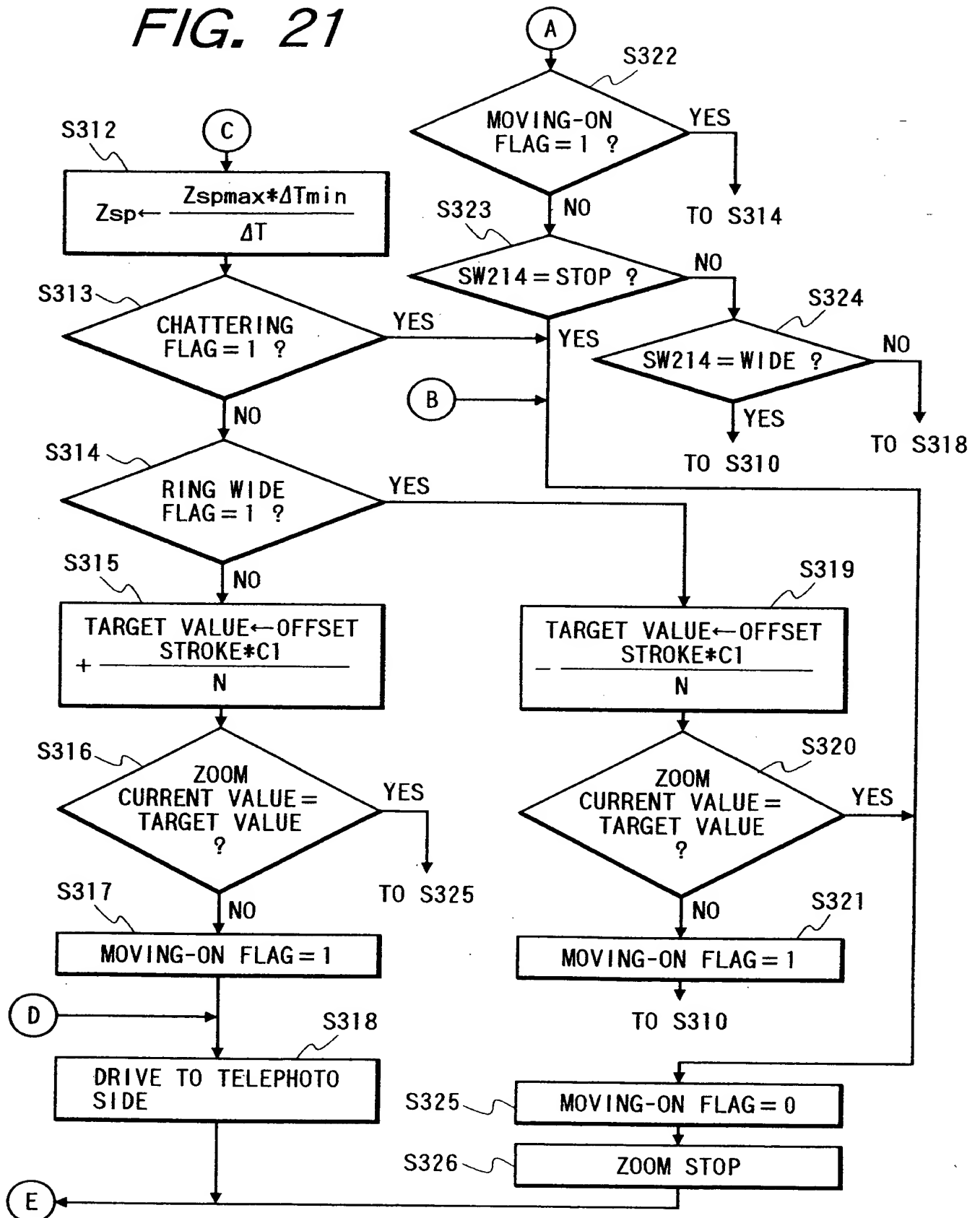


FIG. 22

FIG. 22A

FIG. 22 A

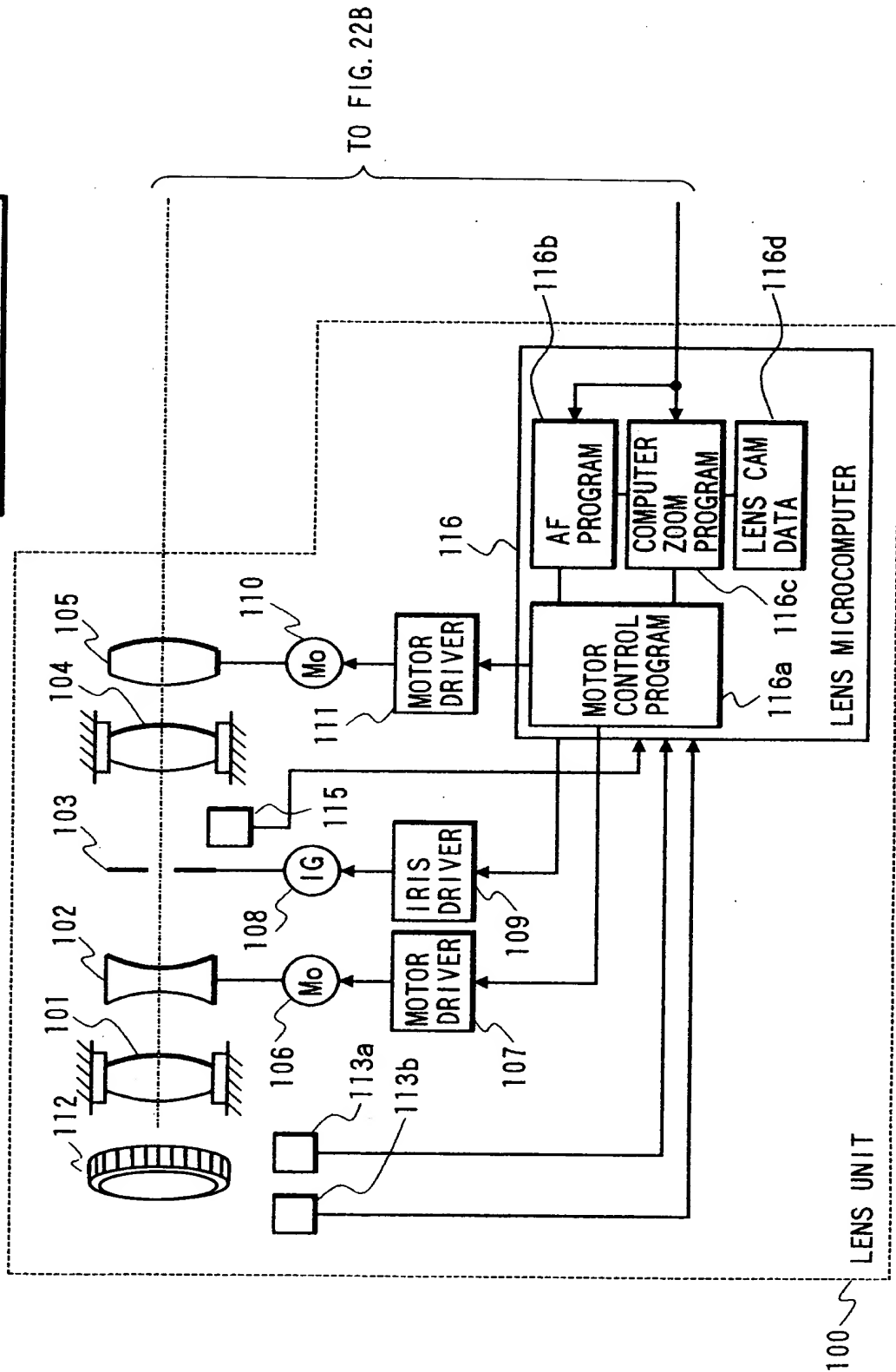


FIG. 22B

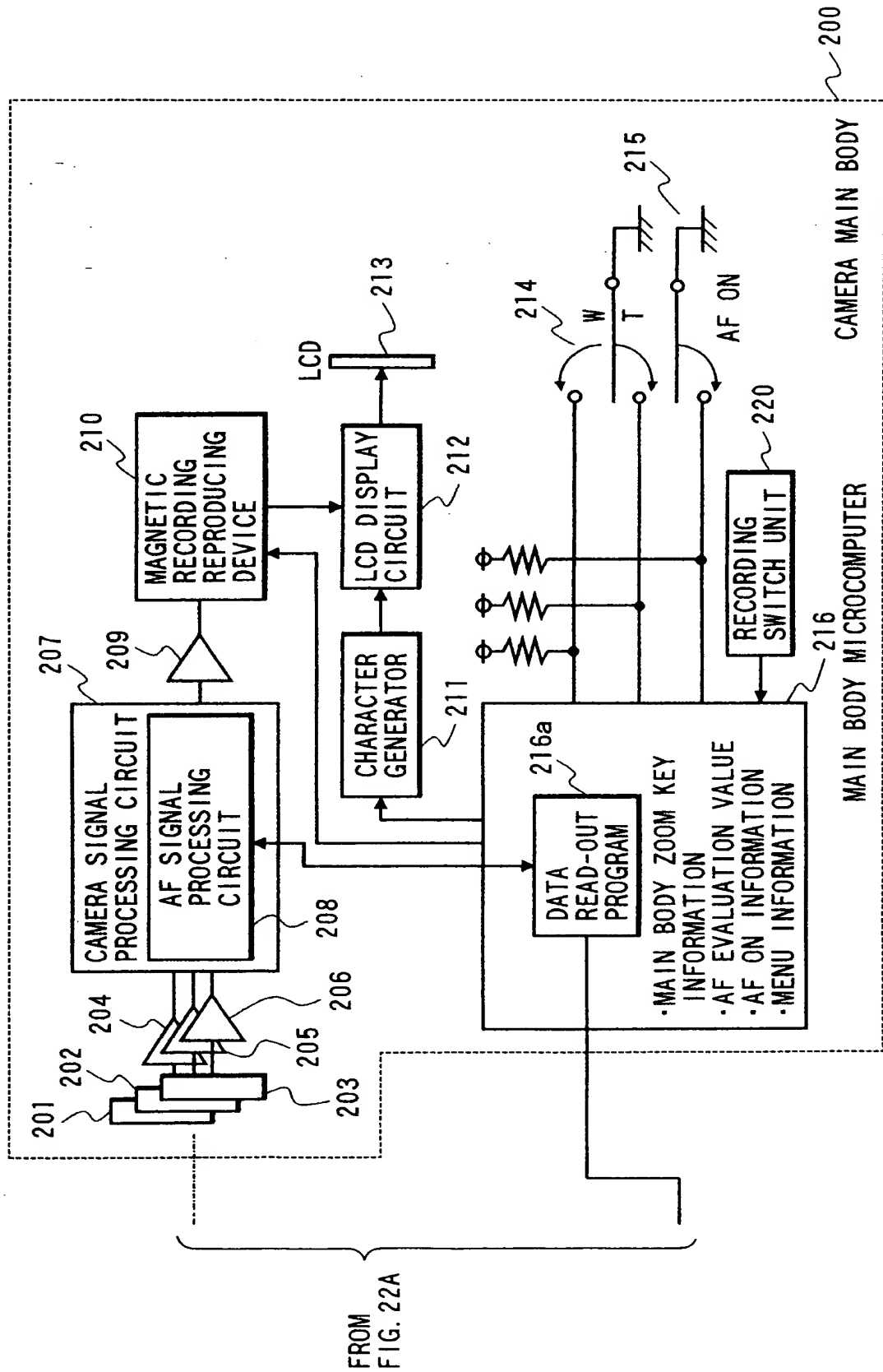


FIG. 23

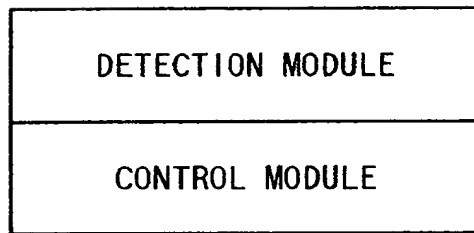


FIG. 24A

FIG. 24

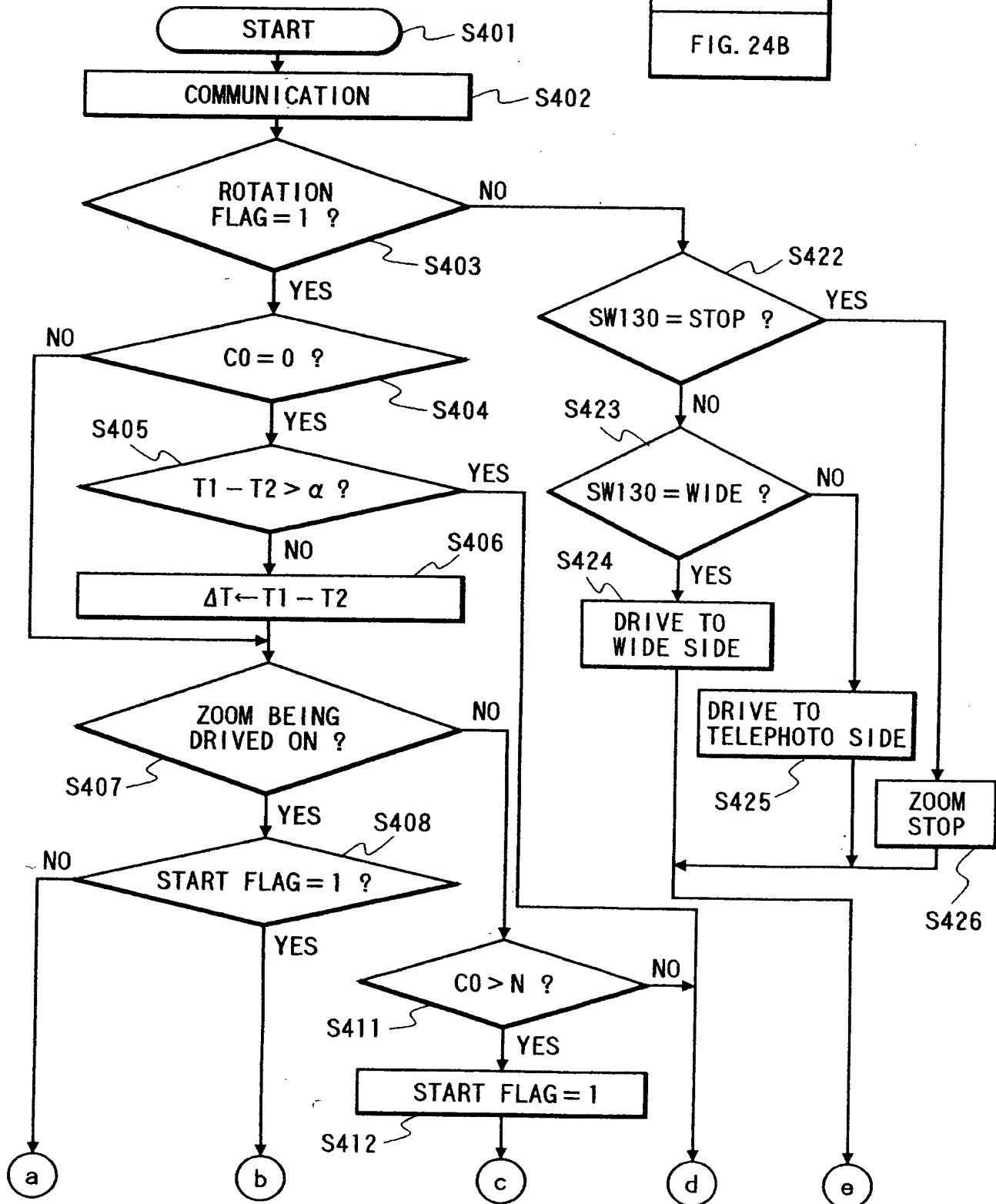


FIG. 24 B

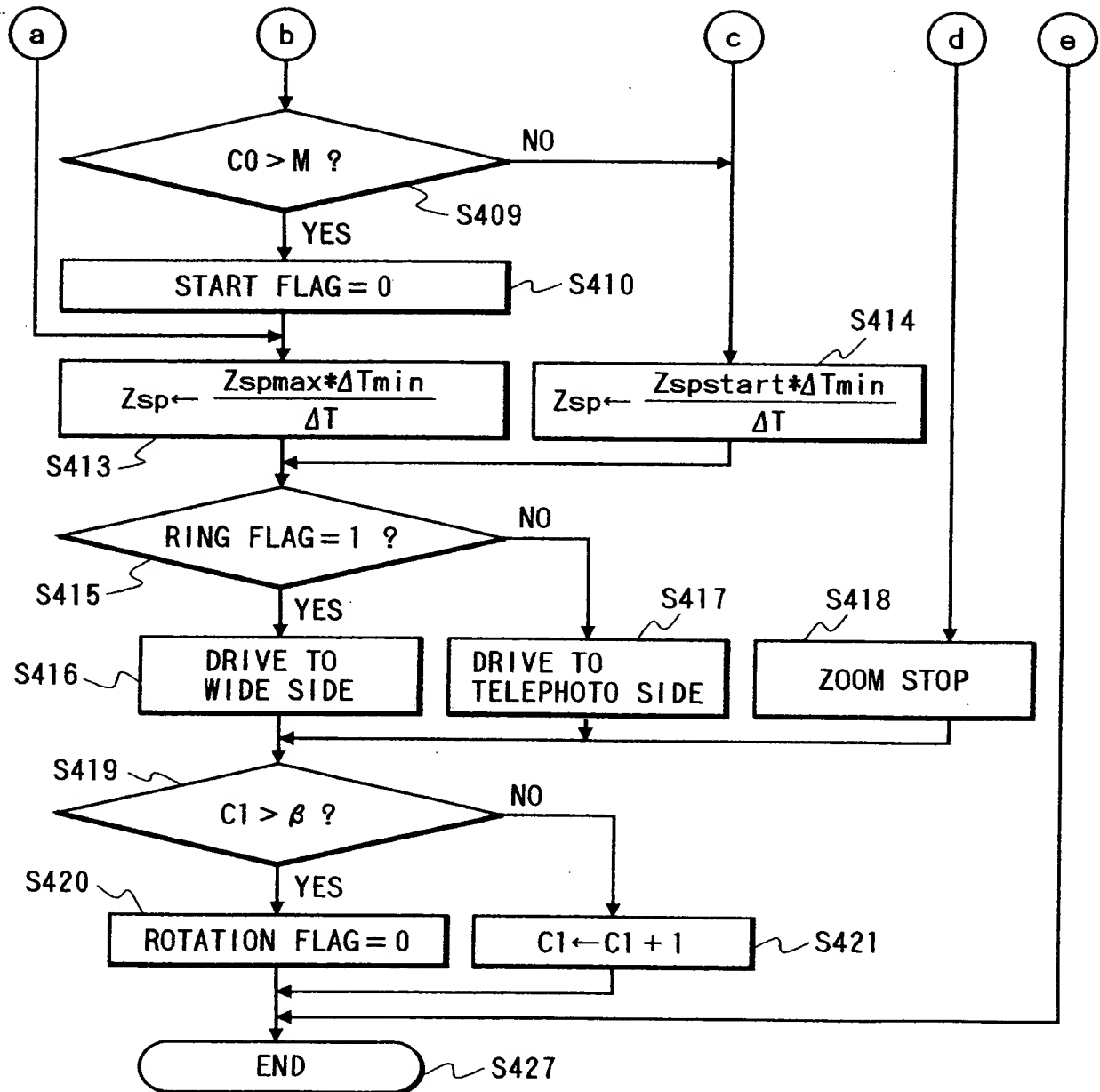


FIG. 25

FIG. 25A

FIG. 25A

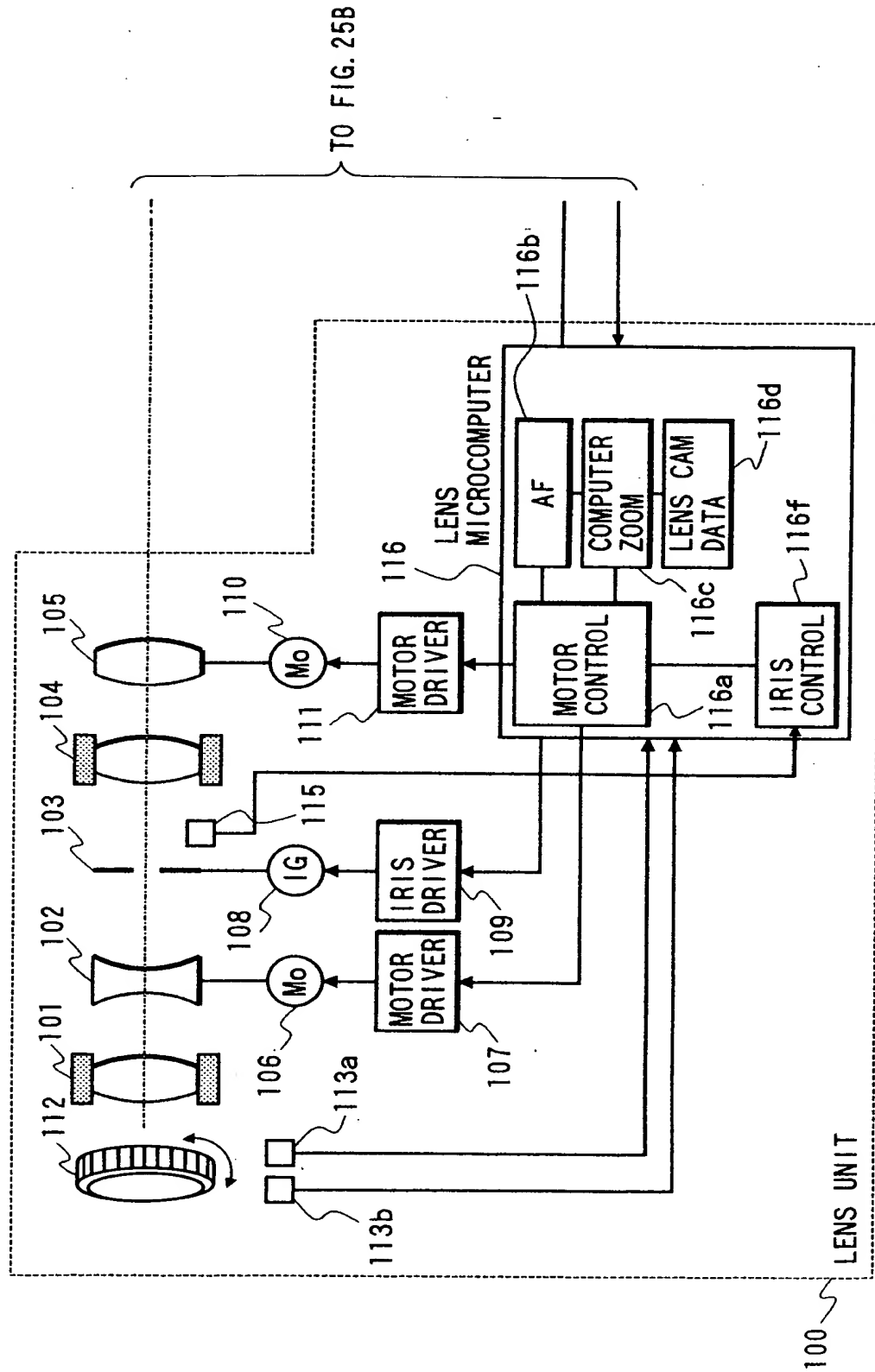


FIG. 25B

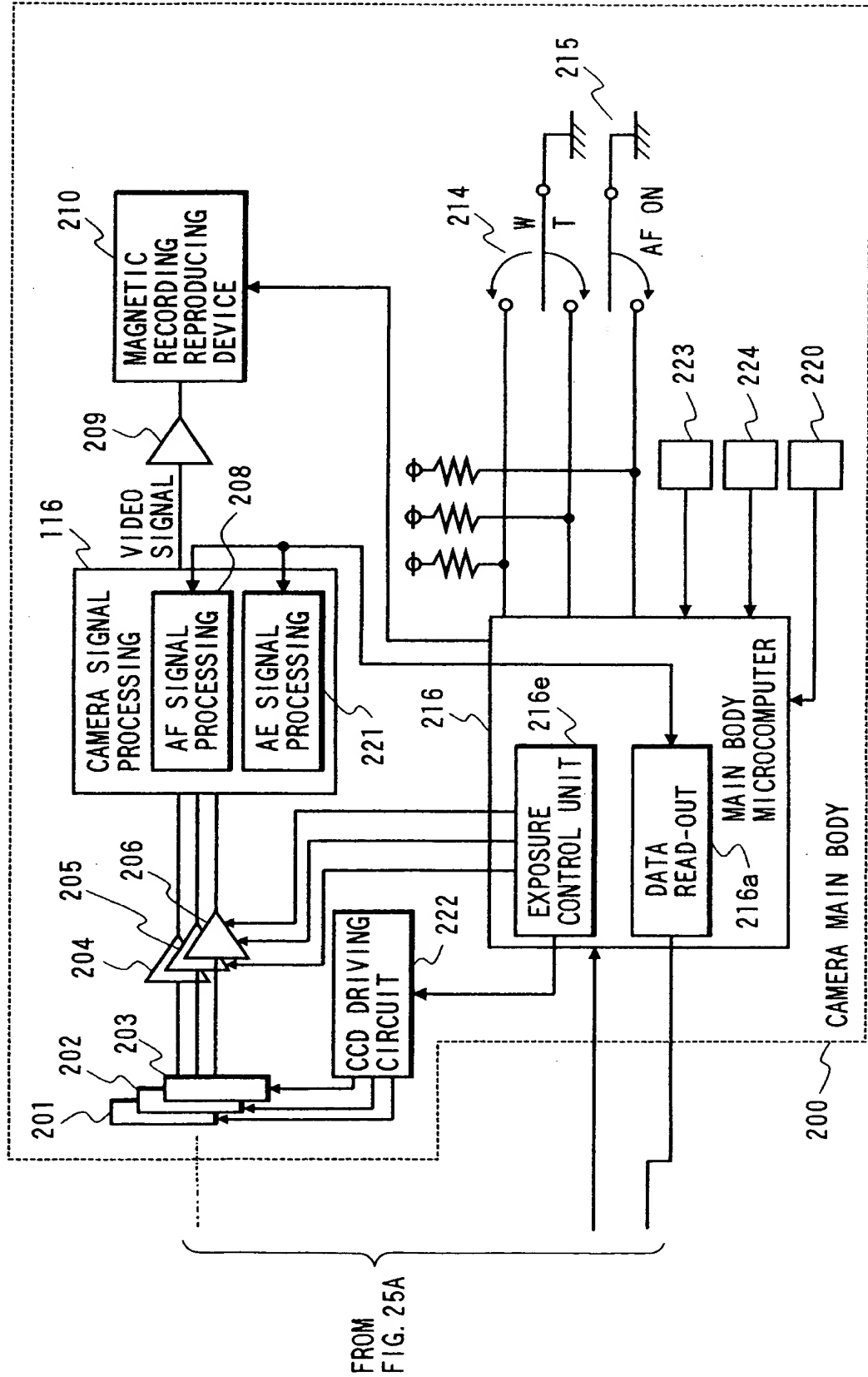
FROM
FIG. 25A

FIG. 26A

FIG. 26

FIG. 26A

FIG. 26B

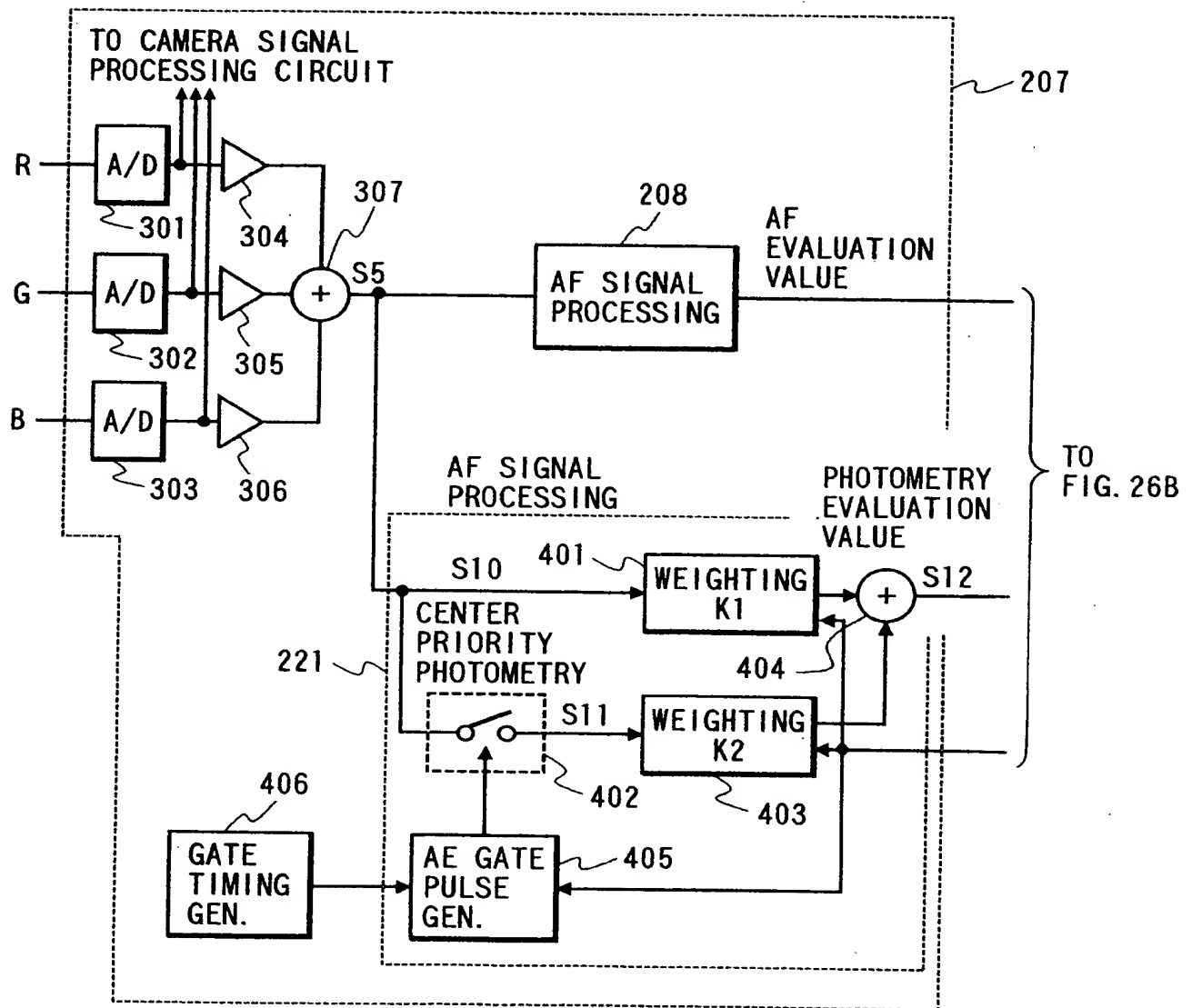


FIG. 26B

